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DOCKET NO.: MS307307.01/MSFTP630US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Applicant: **Daniel Robbins, et al.**  
Serial No.: **10/791,229**  
Filed: **March 2, 2004**  
For: **KEY-BASED ADVANCED NAVIGATION TECHNIQUES**  
Art Unit: **2861**  
Examiner: **Unknown**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

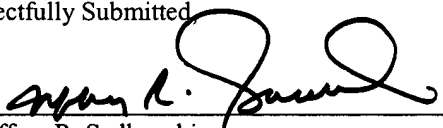
- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☒ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☐ Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

- (d) ☐ After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ☐ The required certification is given below, or
- (2) ☐ Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :
- (i) ☐ Enclosed is a check covering the fee;
- (ii) ☐ Charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063; or
- (iii) ☐ Enclosed is a credit card payment form covering the fee.
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4. Certification (if applicable)
- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.
5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted

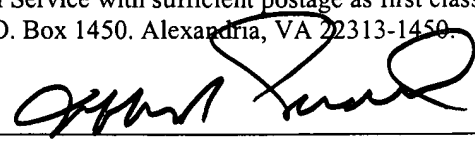
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CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

8-29-2005  
Date

  
Jeffrey R. Sadlowski



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/791,229	
			Filing Date	March 2, 2004	
			First Named Inventor	Daniel Robbins	
			Art Unit	2861	
			Examiner Name	Unknown	
Sheet	1	of	4	Attorney Docket Number	MS307307.01/MSFTP630US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		Constructing Images Eyes-free: A Grid-based Dynamic Drawing Tool for the Blind, ASSETS 2002, The Fifth International ACM SIGCAPH Conference on Assistive Technologies, Edinburgh, Scotland, 2002, 29 pages.		
		The Use of Labelling to Communicate Detailed Graphics in a Non-visual Environment, CHI 2001, ACM SIGCHI Conference on Human Factors in Computing Systems, Seattle, WA, USA, 2001, 15 pages.		
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		IC2D: A Drawing Program for the Visually Impaired, CHI 1999, ACM SIGCHI Conference on Human Factors in Computing Systems, Pittsburgh, PA, USA, 1999, 12 pages.		
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		B. BEDERSON, et al., Jazz: An Extensible Zoomable User Interface Graphics Toolkit in Java, UIST 2000, ACM Symposium on User Interface Software and Technology, CHI Letters, pp. 171-180, 2000.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		S. BJORK, et al., WEST: A Web Browser for Small Terminals, UIST'99, 1999, 9 pages.	
		O. BUYUKKOKTEN, et al., Accordion Summarization for End-Game Browsing on PDAs and Cellular Phones, SIGCHI '01, March 31 - April 4, 2001, ACM CHI 2001, Conf. on Human Factors in Computing Systems, pp. 213-220, Seattle, WA, USA, vol. 3, issue 1, 2001.	
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		L.E. HOLMQUIST, et al., Flip Zooming: A Practical Focus+Context Approach to Visualizing Large Data Sets, In Proc. HCI International '97, pp. 763-766, Elsevier, 1997.	
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		M. JONES, et al., Improving Web Interaction on Small Displays, Computer Networks 31(11-16), pp. 1129-1137, 1999.	
		S. JUL, et al., Critical Zones in Desert Fog: Aids to Multiscale Navigation, In Proceedings of the 11th Annual ACM Symposium on User Interface Software and Technology, UIST '98, San Francisco, CA, Nov 1-4, 1998, ACM Press, New York, NY, pp. 97-106, 1998.	

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<b>Sheet</b>	3	of	4		

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		T. KAMBA, et al., Using Small Screen Space More Efficiently, Conference Proceedings on Human Factors in Computing Systems, CHI 96, Vancouver, BC Canada, April 13-18, 1996, pp. 383-390.	
		Microsoft Flight Simulator 2004, <a href="http://www.microsoft.com/games/flightsimulator/">http://www.microsoft.com/games/flightsimulator/</a> , Microsoft Corporation, 2004, last viewed on 8/29/2005.	
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		MSN Traffic reports, <a href="http://autos.msn.com/everyday/trafficreport.aspx?zipcode=&amp;src=LeftNav#incidents">http://autos.msn.com/everyday/trafficreport.aspx?zipcode=&amp;src=LeftNav#incidents</a> , last viewed on 8/29/2005.	
		K. PERLIN, et al., Pad: An Alternative Approach to the Computer Interface. SIGGRAPH '93, 1993, 11 pages.	
		M. PLUMEE, et al., Zooming, Multiple Windows, and Visual Working Memory, AVI '02: Advanced Visual Interfaces, Trento, Italy, 2002, 10 pages.	
		S. POOK, et al., Context and Interaction in Zoomable User Interfaces, In Proc. Advanced Visual Interfaces 2000, AVI 2000, Parlemo, Italy, pp. 227-231, 2000.	
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		A. TREISMAN, Preattentive Processing in Vision. Computer Vision, Graphics, and Image Processing, 31, pp. 156-177, 1985.	

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		J. TREVOR, et al., From Desktop to Phonetop: A UI for Web Interaction on Very Small Devices, Proc. UIST '01, 2001, Symp. on User Interface Software and Technology, pp. 121-130, 2001.	
		J. WIJK, et al., Smooth and Efficient Zooming and Panning, Proceedings of INFOVIS, 2003, 8 pages.	
		Washington Department of Transportation Traffic Maps, <a href="http://www.wsdot.wa.gov/traffic/seattle">http://www.wsdot.wa.gov/traffic/seattle</a> , last viewed on 8/29/2005.	

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